

## TWO NEW FORMS OF HELIANTHUS AGRESTIS

Eileen R. Wolde

### Helianthus agrestis Pollard f. almae E. R. Wolde

Forma haec ab forma typica floribus solum usque 2 cm latis, dimidio inferno ligularum luteo, superno rufo-fusco, stigmatibus virescenti-luteis, foliis caulibusque juventute viridibus, ante anthesin purpureo-rufis, vetustate fuscescentibus, caulibus non glaucis differt.

This form differs from the typical form by the flowers only to 2 cm wide, by the lower half of the ligules yellow, the upper red-brown, by the stigmas greenish-yellow, by the leaves and stems in youth green, before anthesis purple-red, with age darkening, by the stems not glaucous.

This new form was collected by the author on November 2, 1986, 460 feet south of Bayshore Road, half-way between Crescent Lake and Magnolia Drives, North Fort Myers, Lee County, Florida, and is deposited in the Lundell Herbarium (L.L.) at the University of Texas, Austin, Texas.

This sunflower is named in honor of Alma Moldenke, teacher, author and co-publisher of *Phytologia* for the past 35 years, with a lifelong dedication to biological education and to environmental and conservation causes.

### Helianthus agrestis Pollard f. oswaldii E. R. Wolde

Forma haec ab forma typica floribus solum usque 25 mm latis, stigmatibus pallide viridibus, foliis caulibusque primo in juventute viridibus, tandem purpureo-rufescentibus, caulibus non glaucis differt.

This form differs from the typical form by the flowers only to 25 mm wide, by the stigmas pale green, by the leaves and stem first in youth green, then becoming purple-red, by the stems not glaucous.

This new form was collected by Frederick W. Oswald, in whose honor it is named, on October 19, 1986, 440 feet south of Bayshore Road half-way between Crescent Lake and Magnolia Drives, North Fort Myers, Lee County, Florida, and is deposited in the Lundell Herbarium (L.L.) at the University of Texas, Austin, Texas.